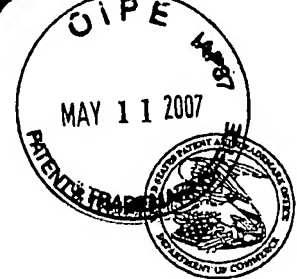


CPW



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| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/592,999 | Nigamananda Samal | 05-790-US |

| INTERNATIONAL APPLICATION NO. |
|-------------------------------|
|-------------------------------|

PCT/US05/09478

| I.A. FILING DATE | PRIORITY DATE |
|------------------|---------------|
| 03/21/2005 | 03/19/2004 |

20306
MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
300 S. WACKER DRIVE
32ND FLOOR
CHICAGO, IL 60606

DOCKETED

MAR 21 2007

DUE DATE: 5-15-07
BY: CP 97

Date Mailed: 03/15/2007

CONFIRMATION NO. 8466

371 FORMALITIES LETTER



OC000000022899757

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/15/2006
- Copy of the International Search Report filed on 09/15/2006
- U.S. Basic National Fees filed on 09/15/2006
- Priority Documents filed on 09/15/2006
- Specification filed on 09/15/2006
- Claims filed on 09/15/2006
- Abstracts filed on 09/15/2006
- Drawings filed on 09/15/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/592,999 | PCT/US05/09478 | 05-790-US |

FORM PCT/DO/EO/905 (371 Formalities Notice)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 05-790-US)

| | | |
|---|---|--------------------------------|
| In re Application of: |) | |
| |) | |
| Nigamanada Samal, et al. |) | Examiner: To be assigned |
| |) | |
| Serial No.: 10/592,999 |) | Group Art Unit: To be assigned |
| |) | |
| Filed: September 15, 2006 |) | Confirmation No.: 8466 |
| |) | |
| For: High Power VCSELS with Transverse Mode |) | |
| Control |) | |

Mail Stop: MISSING PARTS
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

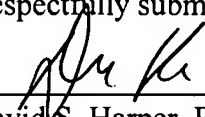
RESPONSE TO NOTICE OF MISSING PARTS
MAILED 15 MARCH 2007

Dear Sir or Madam:

In reference to the Notice of Missing Parts mailed March 15, 2007, attached to this paper please find an executed Declaration and Power of Attorney for the above-referenced U.S. Patent Application.

If the Examiner has any questions, please contact the below-signed at (312) 913-2106.

Date: 5/11/07

Respectfully submitted,


David S. Harper, Ph.D.
Registration No. 42,636

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 05-790-US)

In Re Application of:

Nigamanada Samal, et al.

Serial No.: 10/592,999

Filed: September 15, 2006

For: High Power VCSELS with Transverse Mode
Control

Examiner: To be assigned

Group Art Unit: To be assigned

Confirmation No.: 8466

TRANSMITTAL LETTERMail Stop: Missing Parts
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

In regard to the above-identified U.S. patent application;

1. We are transmitting herewith the attached:

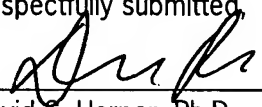
- ☒ Transmittal Letter (1 sheet)
- ☒ Copy of Notice to File Missing Parts mailed March 15, 2007 (2 sheets);
- ☒ Response to Missing Parts Notice (1 sheet);
- ☒ Executed Declaration and Power of Attorney (3 sheets);
- ☒ Return Receipt Postcard

2. With respect to fees:

- a) No fee is required.
- b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

2. CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.10: The undersigned hereby certifies that this Transmittal Letter and the papers, as described hereinabove, are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in a box addressed to: Mail Stop: MISSING PARTS, P.O. Box 1450, Alexandria, VA 22313-1450, on this 11th day of May, 2007 Express Mail No. EV565830045US

Respectfully submitted,



David S. Harper, Ph.D.
Registration No. 42,636